

Message

From: Walker, Stuart [Walker.Stuart@epa.gov]
Sent: 10/31/2019 8:25:30 PM
To: Zaragoza, Larry [Zaragoza.Larry@epa.gov]
CC: Mahmud, Shahid [Mahmud.Shahid@epa.gov]; Libelo, Laurence [Libelo.Laurence@epa.gov]; Fitz-James, Schatzi [Fitz-James.Schatzi@epa.gov]; Anderson, RobinM [Anderson.RobinM@epa.gov]
Subject: RE: AUMWG annual meeting

Hi Larry, per our discussion here is some background on some things to watch out for at the meeting.

DOI is screening sites at 100 mrem/yr, which corresponds to 10-3 cancer risk. Superfund considers dose based ARARs to only be protective if they are 12 mrem/yr or less.

Superfund uses 10-4 to 10-6 cancer risk range when not using an ARAR, so most of our cleanups for radiation are risk based.

DOE has argued for using 25 or 100 mrem/yr at Oak Ridge, which EPA is pushing back against at the AA level, appears Wheeler is supporting us.

For our risk based cleanups we use the PRG calculator for coming up with soil concentrations, its similar to the RSL calculator. We use BPRG for dust and fixed contamination inside buildings. DOI is using RESRAD. It appears we may end up in dispute at Hunters Point on RESRAD vs PRG calculator, or RESRAD Build vs BPRG. Still not sure if we work out something.

The risk range vs 25/100 mrem/yr issue goes back to the 1990's.

From: Walker, Stuart
Sent: Monday, October 28, 2019 2:51 PM
To: Zaragoza, Larry
Cc: Mahmud, Shahid; Libelo, Laurence; Fitz-James, Schatzi
Subject: FW: AUMWG annual meeting

Do you have time to talk about this? The agenda appears that this group may be heading into a lot of radiation technical/policy issues. Laurence and Schatzi suggested we talk.